Establish Prenatal Culture (CV or AF)

Test Code: TA
Turnaround time: (No TAT)
CPT Codes: 89235 x1

Condition Description

Cells from many different types of solid tissues may be cultured, frozen, and stored. The establishment of a cell line may be useful for future studies. This test will produce cell cultures which can then be used for additional genetic or other analyses.

Indications

This test is indicated for:

- the establishment of fetal cell lines for current or future testing.

Methodology

The tissue specimen is minced or enzymatically disaggregated, treated with collagenase, and placed in a tissue culture vessel with media to establish a fibroblast culture. The cultures are sub-cultured into 1 to 3 T25 tissue culture flasks or 1 to 2 T75 tissue culture flasks and frozen for future use.

Specimen Requirements

Type: Amniotic Fluid

Specimen Requirements:

20-30ml fluid, discarding the first 1-2 ml. Place in 2-3 Specimen tubes. Preferred gestational age >15 weeks. Must be received in a securely closed, sterile container.

Specimen Collection and Shipping: Ship sample at room temperature for receipt at EGL within 24 hours of collection. Do not refrigerate or freeze.

Type: Chorionic Villi

Specimen Requirements:

Greater than or equal to 15-30 mg chorionic villi/placental tissue using sterile technique. Place in sterile tube(s) with transport media. If ordering multiple tests, 30 mg is recommended. Preferred gestational age >10-12 weeks. Must be received in a securely closed, sterile container.

Specimen Collection and Shipping: Ship sample at room temperature for receipt at EGL within 24 hours of collection. Do not refrigerate or freeze.

Type: Tissue Biopsy

Specimen Requirements:

Obtain 1-2 cm piece of fetal tissue and place in sterile container with EGL transport media or other sterile culture media. Use sterile dissection (no prep) for internal tissues.

Specimen Collection and Shipping: Refrigerate until time of shipment. Ship sample overnight at room temperature for receipt at EGL within 24 hours of collection.

Special Instructions

Please call 470-378-2200 before ordering this test and ask to speak to a laboratory genetic counselor.

Related Tests

- Maintain An Established Prenatal Culture (CV or AF)
- Tissue Culture Only
- Maintain An Established Culture (Not Prenatal)